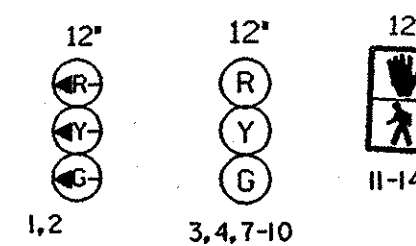
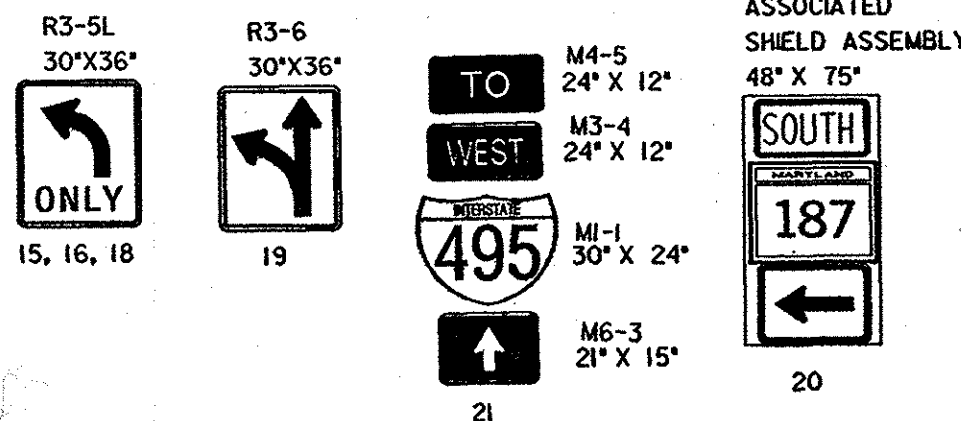


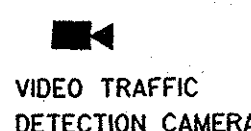
PROPOSED SIGNALS



PROPOSED SIGNALS



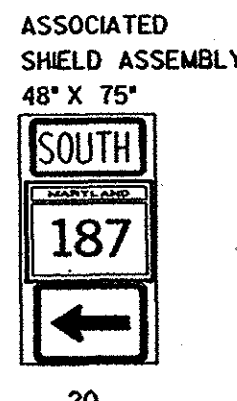
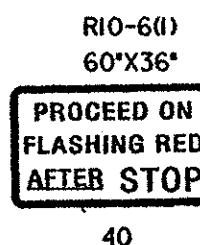
SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED



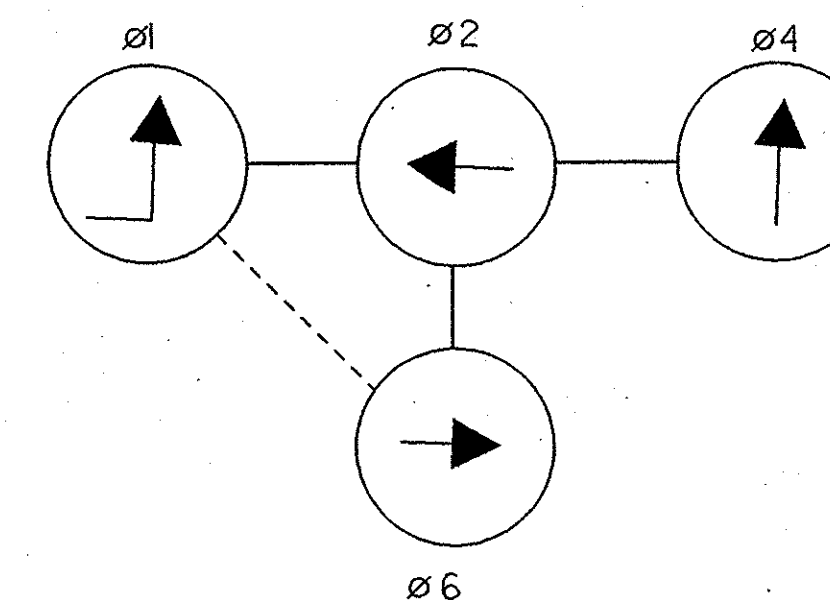
SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED



SIGNALS FROM PREVIOUS PHASE TO REMAIN



NEMA PHASING



NEMA PHASING NOTES
 1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

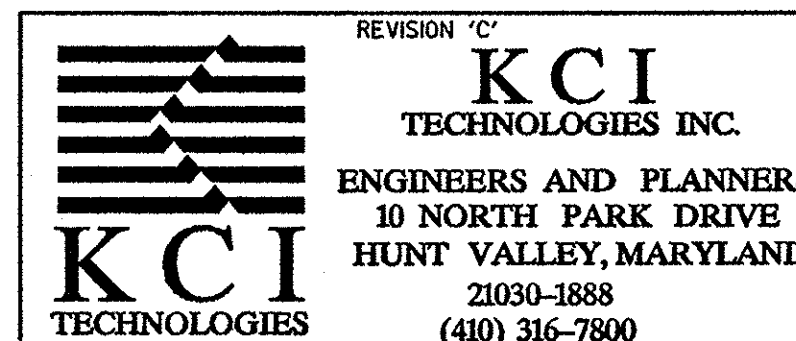
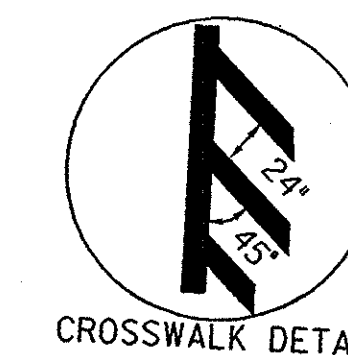
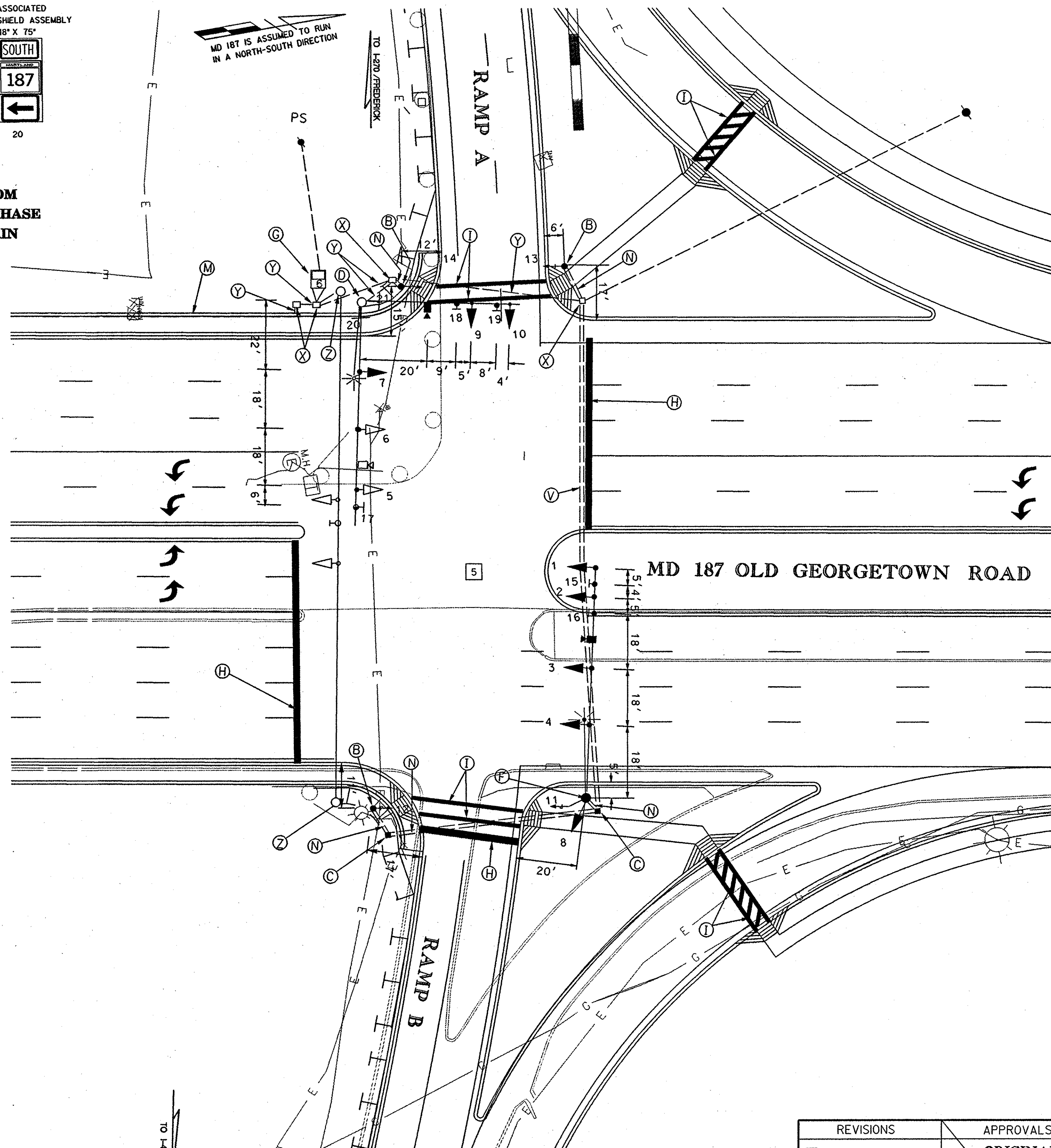
- INSTALL 10' PEDESTAL POLE, AND PEDESTRIAN SIGNALS AS SHOWN.
- INSTALL ELECTRICAL HANDHOLE.
- USE EXISTING POLE, MAST ARM, LIGHTING ARM AND LUMINAIRE, RELOCATE EXISTING SIGNAL HEADS, SIGNS, AND VIDEO TRAFFIC DETECTION SYSTEM, AND INSTALL ADDITIONAL SIGNAL HEADS AS SHOWN.
- INSTALL 27' STEEL POLE, 70' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO TRAFFIC DETECTION SYSTEM, PEDESTRIAN SIGNAL AND LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AND PHOTO CELL AS SHOWN.
- USE EXISTING CONTROLLER AS SHOWN.
- INSTALL 24" HEAT APPLIED PAVEMENT MARKING TAPE FOR STOP LINE.
- INSTALL 12" HEAT APPLIED PAVEMENT MARKING TAPE FOR CROSSWALK.
- USE CONDUIT LOCATED IN PARAPET.
- INSTALL 3" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3" PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.
- USE HANDHOLE INSTALLED IN PREVIOUS PHASE.
- USE CONDUITS INSTALLED IN PREVIOUS PHASE.
- REMOVE TEMPORARY WOOD POLES, SPAN WIRES, SIGNAL HEADS AND SIGNS.

GEOMETRICS LEGEND

PROPOSED GEOMETRICS _____
 EXISTING GEOMETRICS - - - - -

LEGEND OF UTILITIES

WATER _____ W _____
 GAS _____ G _____
 UNDERGROUND TELEPHONE _____ T _____
 SANITARY SEWER _____ S _____
 UNDERGROUND ELECTRIC _____ E _____
 AERIAL _____ A _____
 STORM DRAIN _____ SD _____
 SEWAGE FORCE MAIN _____ FM _____
 CABLE TV _____ TV _____



REVISIONS		APPROVALS	
5	REDLINE REVISION NO. 5 NEW SHEET 9/4/2001 KCI/BAH	ORIGINAL	
1	ADDENDUM NO. 2 REPLACEMENT SHEET 11/30/00	ON	
2	NEW MD 187 GEOMETRICS 10-00 SHA CONT. NO. M08995172	FILE	
3	REVISED SIGNAL HEAD DISPLAY 10/14/76	DIRECTOR, TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION I-270 INTERCHANGES AT ROCKLEDGE DRIVE AND MD 187 ULTIMATE TRAFFIC SIGNAL PLAN I-270 RAMP A/RAMP B AT MD 187 (OLD GEORGETOWN ROAD)			
DRAWN BY: STEVE RENZI CHECKED BY: STEVE RENZI SCALE: 1" = 20' DATE: 12/27/74	F.A.P. NO. S.H.A. NO. COUNTY: MONTGOMERY LOG MILE: 15018703.80	TS NO. 1251C T.I.M.S. NO. D-311	SHEET NO. 264B OF 404